





	Pre-processing of data	Sample characteristics	Analysis
<p><i>Step 1</i></p> 	<p><i>Generation of initial dataset</i></p> <p>Retrieval of meta data for all articles published in <i>PA</i> between 1923-2020; subsample of articles with cited references covered in the SSCI database</p>	<p><i>N = 3,202 articles</i></p> <p>thereof 1,935 articles with 85,067 references to 59,129 sources</p>	<p><i>Bibliometric analysis</i></p> <p>Disciplinary influence (Fig. 3) based on Scopus classification of cited journals in references</p>
<p><i>Step 2</i></p> 	<p><i>Corpus creation</i></p> <p>Retrieval of full texts and conversion of data format; elimination of all additional information in documents aside from the running texts; tokenization of running texts</p>	<p><i>N = 3,202 articles</i></p> <p>with 21,624,442 words in 858,063 sentences</p>	<p><i>Closed vocabulary text mining</i></p> <p>References to administrative traditions (Fig. 4) and use of research methods (Fig. 5) based on keyword dictionaries</p>
<p><i>Step 3</i></p> 	<p><i>Corpus reduction</i></p> <p>Elimination of stop words, symbols, and numbers; word stemming</p>	<p><i>N = 3,202 articles</i></p> <p>with 159,783 stem words</p>	<p><i>Open vocabulary text mining</i></p> <p>Term specificity (TF-IDF) based on document-term-frequency matrix; document similarity based on TF-IDF matrix</p>
<p><i>Step 4</i></p> 	<p><i>Selection of documents</i></p> <p>Elimination of documents with low similarity values; dismissal of minor clusters</p>	<p><i>N = 1,398 articles</i></p> <p>in 63 topics</p>	<p><i>Cluster analysis</i></p> <p>Detection of topics (Fig. 6, 7) based on document similarity matrix; classification of topics based on network centrality and unigram analysis (App. B)</p>
<p><i>Step 5</i></p>	<p><i>Filtering of references</i></p> <p>Selection of references between topics.</p>	<p><i>N = 1,398 articles</i></p> <p>thereof 306 articles with 655 references to 335 sources</p>	<p><i>Bibliometric analysis</i></p> <p>Evolution of topics (Fig. 8) based on cited references</p>